

Faculty Name: Gajanan Namdeorao Shelke

Designation: Professor

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BIO

I, **Dr. Gajanan N Shelke** am working as a Professor in Mechanical Engineering Department, Sandip Institute of Engineering and Management Nashik. I got my Bachelor's degree from Amravati University, Amravati, M.E. (Thermal power engineering) degree from Government College of Engineering Amravati and PhD (Fluid and Thermal) from Indian Institute of Technology, Guwahati. I was a MHRD fellow. My primary areas of research interest include Heat transfer, fluidization, biogas, gasification and combustion, internal combustion engine and renewable energy. My research has been disseminated in several independently refereed international and national reputed journals, conferences and given the keynote lecture on various subjects. I am supervising 5 PhD theses at Savitribai Phule Pune University, Pune and supervised about forty BE Projects in his areas of interest

I am awarded with a prestigious award 'Best NSS Program officer' by the State Government of Maharashtra and Amravati University Amravati. I was involved in NSS activities as a NSS district coordinator, Member of NSS coordination committee, Amravati University. Presently I am actively involved in various research projects. I always believed in the practical implementation and utility to society.

Qualification:

1. BE (Mechanical Engineering)
2. M.E. (Thermal Power Engineering)
3. Ph.D. (Mechanical Engineering) IIT Guwahati

Paper Publications details:

1. International Journal: 11
2. International Conference: 19
3. Book Chapter: 01
4. Article:00

Area Research Work:

1. Fluid
2. Thermal
3. Heat transfer
4. Internal Combustion Engine
5. Solar Energy
6. Gasification
7. Renewable energy
8. 3D Printing

Experience:

1. Teaching experience : 25 Years

Subjects:

1. Engineering Thermodynamics
2. Fluid Mechanics
3. Thermodynamics
4. Heat Transfer
5. Refrigeration and Air conditioning
6. Power plant engineering
7. Internal combustion engine